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PCT

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Robert Drake et al.

Serial No.:

10/573,908

Filed:

March 29, 2006

For: Deposition Of Thin Films



Docket No.:

71,049-006

Group Art Unit:

unknown

Examiner:

unknown

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March 23, 2007  
Date

*Sandra Barry*  
Sandra Barry

Commissioner for Patents  
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- ☐ Under 35 U.S.C. §120, this application relies on the earlier filing date of prior application Serial No. [\_\_\_\_], filed on [\_\_\_\_]. The following references were submitted to and/or

cited by the Office on this prior application and are therefore not required to be provided in this application:

- ☐ In accordance with 37 C.F.R. §1.98(c), a copy of only [ ] is being submitted with this Information Disclosure Statement, and is cumulative of the following patents or publications listed on Form PTO/SB/08A:

**FOREIGN LANGUAGE DOCUMENTS**

- ☐ There are no foreign language documents listed on Form PTO/SB/08A.
- ☒ English language abstract for the following non-English references are enclosed:

<u>Foreign Patent Document</u>	<u>Publication Date</u>	<u>Name of Patentee or Applicant of Cited Document</u>
JP 5295144	09/11/1993	Aoyama et al

- ☐ Submitted herewith is an English translation of the following foreign language patents, publications or information or of portions of those patents, publications or information considered to be material:
- ☒ No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.
- ☐ The following foreign language documents are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith:

<u>Cited Art</u>	<u>English Equivalent</u>
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- ☐ Submitted herewith is an English language version of a PCT search report listing information not in the English language and indicating the degree of relevancy found by the International Bureau of WIPO, in satisfaction of the requirement (under 37 C.F.R. §1.98(a)(3)) for a concise explanation of the relevance of non-English information.
- ☒ A concise explanation of the relevance of the following listed non-English language information is included as presently understood by the individual designated in 37 C.F.R. §1.56(c) most knowledgeable about the content of the information as set forth below:

<u>Foreign Patent Document</u>	<u>Explanation of Relevance</u>
JP 5295144	The relevancy of this document as presently understood is obtained from the English language abstract which indicates that this document discloses a process whereby a surface of a lens, made from a methacrylic ester/fumaric ester copolymer, is subjected to a discharge treatment. A hydrophilic monomer is grafted onto this surface.

- ☐ A concise explanation of the relevance of the following listed non-English language information is set forth in the above-identified specification:

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- ☒ The Information Disclosure Statement transmitted herewith is being filed **within** three (3) months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last. 37 C.F.R. §1.97(b). Accordingly, it is believed that no certification or fee is due.
- ☐ The Information Disclosure Statement transmitted herewith is being filed **after** three (3) months of the filing date of the application or the date of entry into the national stage of an international application and after the mailing date of the first Office Action on the merits, but **before** the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, whichever occurs first. Accordingly, I hereby certify that:
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- ☐ no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge as the person signing this certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this statement; 37 C.F.R. §1.97(e)(2); **OR**
- ☐ Applicant elects the option to pay the fee set forth in 37 C.F.R. §1.17(p) for submission of an Information Disclosure Statement under 37 C.F.R. §1.97(c). If a check is not enclosed, please charge the **\$180.00** IDS submission fee to Howard & Howard Attorneys PC **Deposit Account No. 08-2789**. A duplicate of this paper is enclosed.
- ☐ The Information Disclosure Statement transmitted herewith is being filed **After a Final Action** under 37 C.F.R. §1.113, or **After a Notice of Allowance** under 37 C.F.R. §1.311, whichever occurs first, but is being filed on or **Before Payment of the Issue Fee**. Accordingly, I hereby certify that:
- ☐ each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the statement; 37 C.F.R. §1.97(e)(1); **OR**
- ☐ no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge as the person signing this certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this statement; 37 C.F.R. §1.97(e)(2); **AND**
- ☐ Applicant hereby petitions for consideration of this Information Disclosure Statement; 37 C.F.R. §1.97(d)(2)(ii). If a check is not enclosed, please charge the petition fee of **\$180.00** Howard & Howard Attorneys PC **Deposit Account No. 08-2789**. A duplicate of this paper is enclosed.

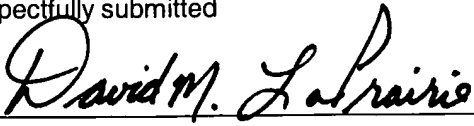
The Commissioner is authorized to charge Howard & Howard Attorneys PC Deposit Account No. 08-2789 for any additional fees due hereunder.

Reg. No.: **46,295**

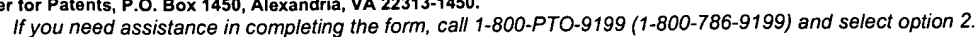
March 23, 2007  
Date

**Customer No. 27305**

Respectfully submitted

  
**David M. LaPrairie**

Howard & Howard Attorneys PC  
The Pinehurst Office Center, Suite 101  
39400 Woodward Avenue  
Bloomfield Hills, MI 48304-5151  
Tel. No.: (248) 723-0442



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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Complete if Known**

Application Number	10/573,908
Filing Date	03-29-2006
First Named Inventor	Drake et al
Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	71.049-006

Sheet	2	of	2
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## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

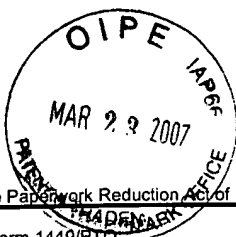
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1 <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 03/085693 A1	10-16-2003	Swallow et al.		
		WO 03/086031 A1	04-08-2003	Goodwin et al.		
		WO 2005/039753 A1	05-06-2005	Bunce et al.		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/573,908		
		Filing Date	03-29-2006		
		First Named Inventor	Drake et al.		
		Art Unit	n/a		
		Examiner Name	n/a		
Sheet	1	of	1	Attorney Docket Number	71,049-006

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Y. XIA and G.M. WHITESIDES, Soft Lithography, Agnew. Chem. Int. Ed. 1998, 37, 550-575.	
		KUMAR et al., Patterning Self-Assembled Monolayers: Applications in Material Science, Langmuir 1994, 10, 1498-1511.	
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		S. KANAZAWA et al., Stable Glow Plasma At Atmospheric Pressure, J. Phys. D. Appl. Phys. 21 (1988), 838-840.	
		T. YOKOYAMA et al., The Improvement Of The Atmospheric-Pressure Glow Plasma Method And The Deposition Of Organic Films, J. Phys. D. Appl. Phys. 23 (1990) 374-377.	
		Y. XIA et al., Microcontact Printing of Octadecylsiloxane On The Surface of Silicon Dioxide and Its Application In Microfabrication, J. Am. Chem. Soc. 1995, 117, 9576-9577.	

Examiner Signature	Date Considered
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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